

Application No. 10/053,739
Docket No. 01USFP710-K.N.

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AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows.

1. (Previously Presented) A computer system comprising:
a display screen;
a pointing device including a position indicating button thereon, said position indicating button being actuatable to emit a beam of light and to output a position indication allowing signal;
a position detecting unit detecting a position at which said beam contacts said display screen; and
a processing unit controlling display of a cursor on said display screen, said processing unit being responsive to the single action of actuation of the position indicating button to move said cursor to and to fix said cursor at the detected position in response to said position indication allowing signal.
2. (Previously Presented) The computer system according to claim 1, wherein said pointing device emits said beam only when said position indicating button is actuated.
3. (Previously Presented) The computer system according to claim 1, wherein:
said display screen comprises an LCD (Liquid Crystal Display), and
said position detecting unit detects said position based on a transmitting portion of said beam transmitting through said LCD.

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4. (Previously Presented) The computer system according to claim 3, wherein said position detecting unit comprises:
- a plurality of photodetectors arranged in rows and columns, each of which outputs a beam detection signal in response to said transmitting portion of said beam, and
 - a processing unit determining said position in response to said beam detection signals.
5. (Original) The computer system according to claim 1, wherein said position detecting unit detects said position based on a scattered portion of said beam being scattered by said display screen.
6. (Previously Presented) The computer system according to claim 5, wherein said position detecting unit comprises:
- a plurality of first photodetectors arranged in a row at a first edge of said display screen, and
 - a plurality of second photodetectors arranged in a column at a second edge of said display screen.
7. (Previously Presented) The computer system according to claim 6, wherein said display screen comprises a CRT (Cathode Ray Tube) display.
8. (Original) The computer system according to claim 1, wherein said pointing device includes an LED (Light Emitting Diode) that emits said beam.

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9. (Original) The computer system according to claim 1, wherein said pointing device includes a laser that emits said beam.

10-11. (Canceled)

12. (Previously Presented) The computer system according to claim 1, further comprising a cable coupling said pointing device to said processing unit, wherein said position indication allowing signal is transmitted through said cable.

13. (Previously Presented) The computer system according to claim 1, wherein:
said processing unit causes display of a figure on said display screen,
said pointing device further includes a click button thereon, and
said figure is selectable by a click of said click button when said figure is indicated by said cursor.

14. (Previously Presented) The computer system according to claim 13, further comprising a cable coupling said pointing device to said processing unit, wherein:
said pointing device outputs a click signal in response to said click of said click button,
said processing unit causes said figure to be selected in response to said click signal,
and
said position indication allowing signal and said click signal are transmitted through

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said cable.

15. (Canceled)

16. (Previously Presented) A method of operating a computer system, said method comprising:

responding to the single action of actuation of a position indicating button provided on a pointing device by emitting a beam of light and outputting a position indication allowing signal;

detecting a position at which said beam contacts a display screen; and

in response to said position indication allowing signal, moving a cursor to the detected position.

17. (Previously Presented) The method according to claim 16, wherein said beam is emitted only when said position indicating button is actuated.

18. (Previously Presented) The method according to claim 16, wherein:
said display screen comprises an LCD (Liquid Crystal Display), and
said position is detected based on a transmitting portion of said beam transmitting through said LCD.

19. (Original) The method according to claim 16, wherein said position is detected based on a scattered portion of said beam being scattered by said display screen.

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20. (Canceled)

21. (Previously Presented) The method according to claim 16, further comprising:
displaying a figure on said display screen, and
selecting said figure in response to a click of a click button provided on said pointing device when said figure is indicated by said cursor.

22. (Currently Amended) A method for indicating a position on a display screen, said method comprising:

providing a pointing device including a position indicating button thereon;

responding to the single action of actuation of said position indicating button to allow said pointing device to emit a beam of light, so as to indicate a position at which said beam contacts on said display screen, and to output a position indication allowing signal;

in response to said position indication allowing signal, moving a cursor to the indicated position.

23. (Canceled)

24. (Currently Amended) A pointing device for a computer system having a display screen, said pointing device comprising:

a body member having a position indicator thereon, said position indicator being actuatable to cause said pointing device to point to a position where said pointing device

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optically contacts on the display screen, permitting the computer system to move a cursor to the pointed position and fix the cursor at the pointed position,

wherein said cursor is movable and fixable by ~~the~~ a single action of actuation of said position indicator.

25. (Previously Presented) The pointing device according to claim 24, wherein said position indicator comprises a position indicating button.

26. (Previously Presented) The pointing device according to claim 24, wherein said pointing device points by emitting a beam of light.